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graph TD; 2[DECOMPOSING SPEECH SIGNAL INTO A STRING OF SYLLABLES] --> 4[MAPPING THE STRING OF SYLLABLES INTO A STRING OF TONE DATA]; 4 --> 6[FORMING A STRING OF MUSICAL NOTES ACCORDING TO TONE DATA]; 6 --> 8[ADDING TIMBRE, TEMPO & PITCH RANGE TO MUSICAL NOTES (OPTIONAL)]; 8 --> 10[MODULATING SPEECH SIGNAL WITH MUSICAL NOTES]; 10 --> 12[MIXING MODULATED SPEECH SIGNAL WITH UNMODULATED SPEECH SIGNAL (OPTIONAL)]; 12 --> 14[GENERATING AUDIBLE SIGNAL];
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DECOMPOSING
SPEECH SIGNAL INTO
A STRING OF SYLLABLES

MAPPING
THE STRING OF SYLLABLES
INTO A STRING OF TONE DATA

FORMING
A STRING OF MUSICAL NOTES
ACCORDING TO TONE DATA

ADDING TIMBRE, TEMPO &
PITCH RANGE TO MUSICAL
NOTES (OPTIONAL)

MODULATING
SPEECH SIGNAL
WITH MUSICAL NOTES

MIXING
MODULATED SPEECH SIGNAL
WITH UNMODULATED SPEECH
SIGNAL (OPTIONAL)

GENERATING
AUDIBLE SIGNAL

1

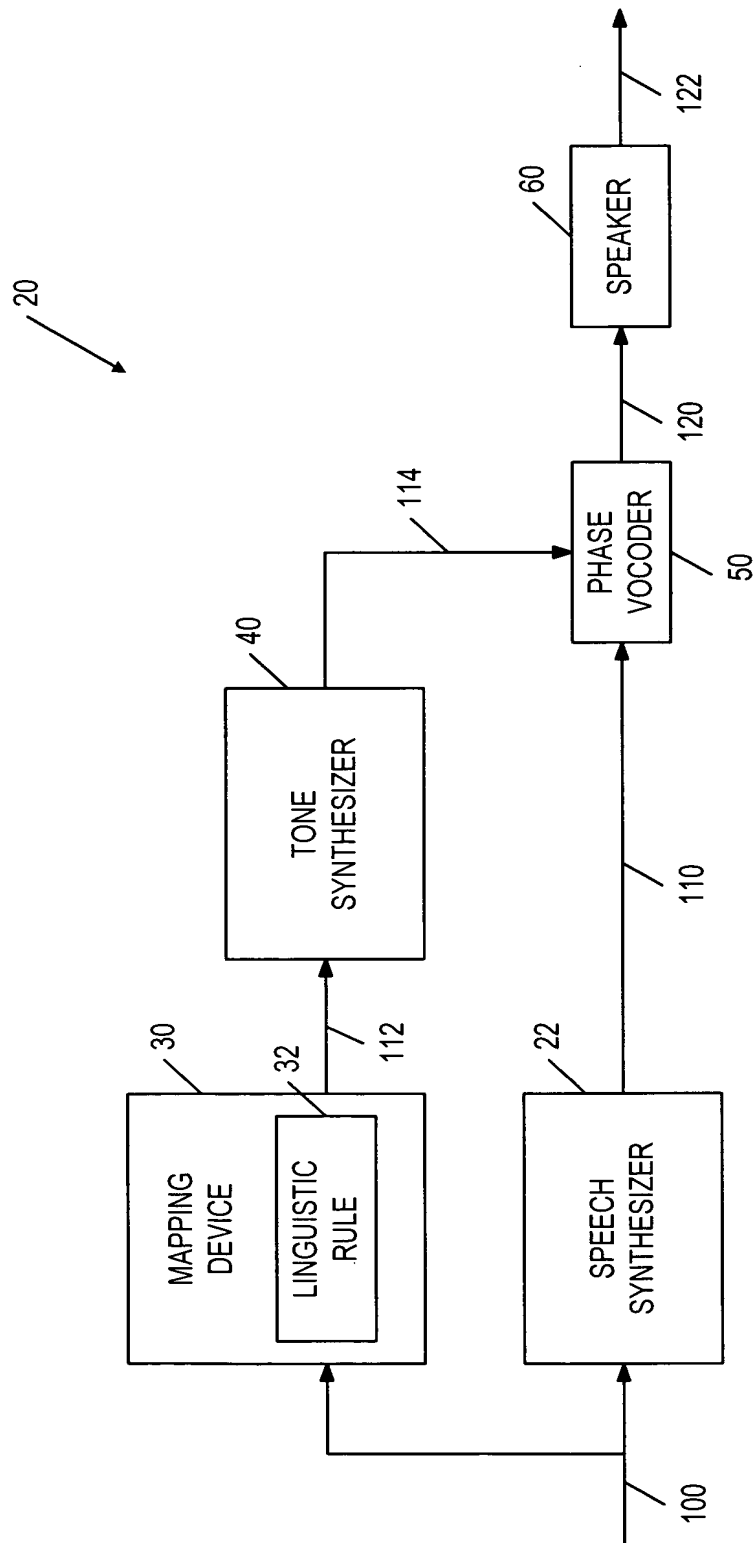


FIG. 2

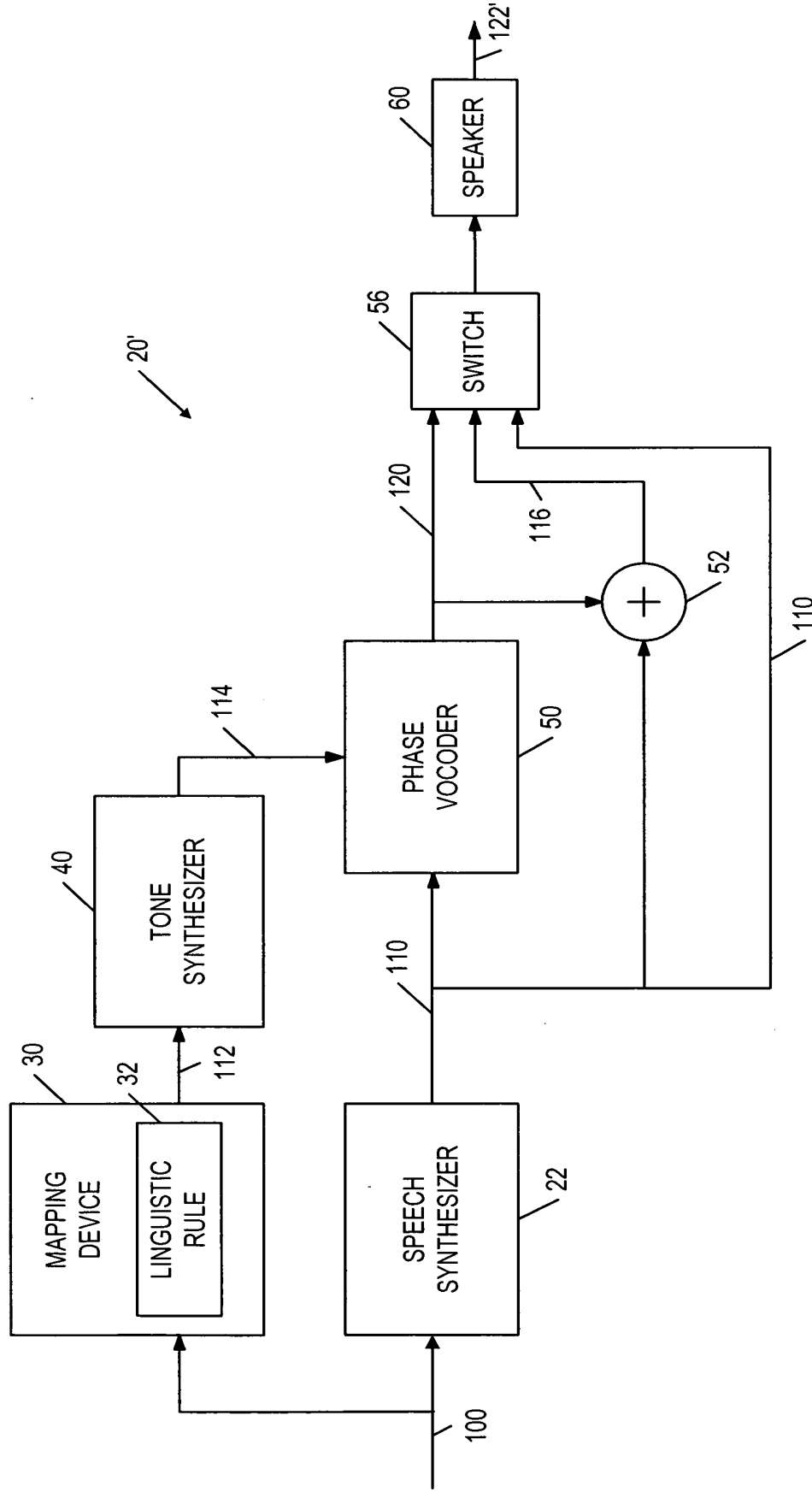


FIG. 3

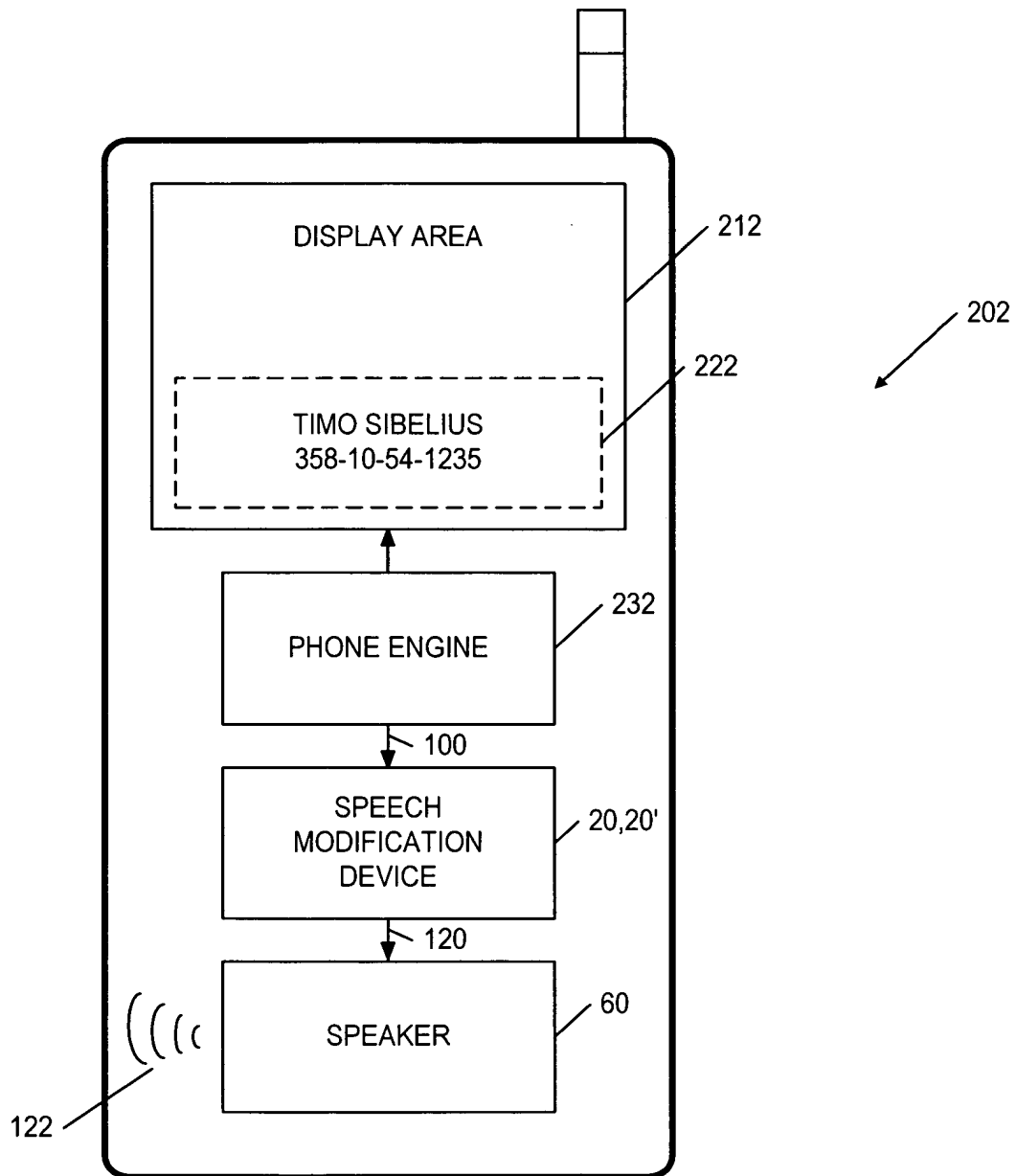
[illegible]

FIG. 4

005011 330460

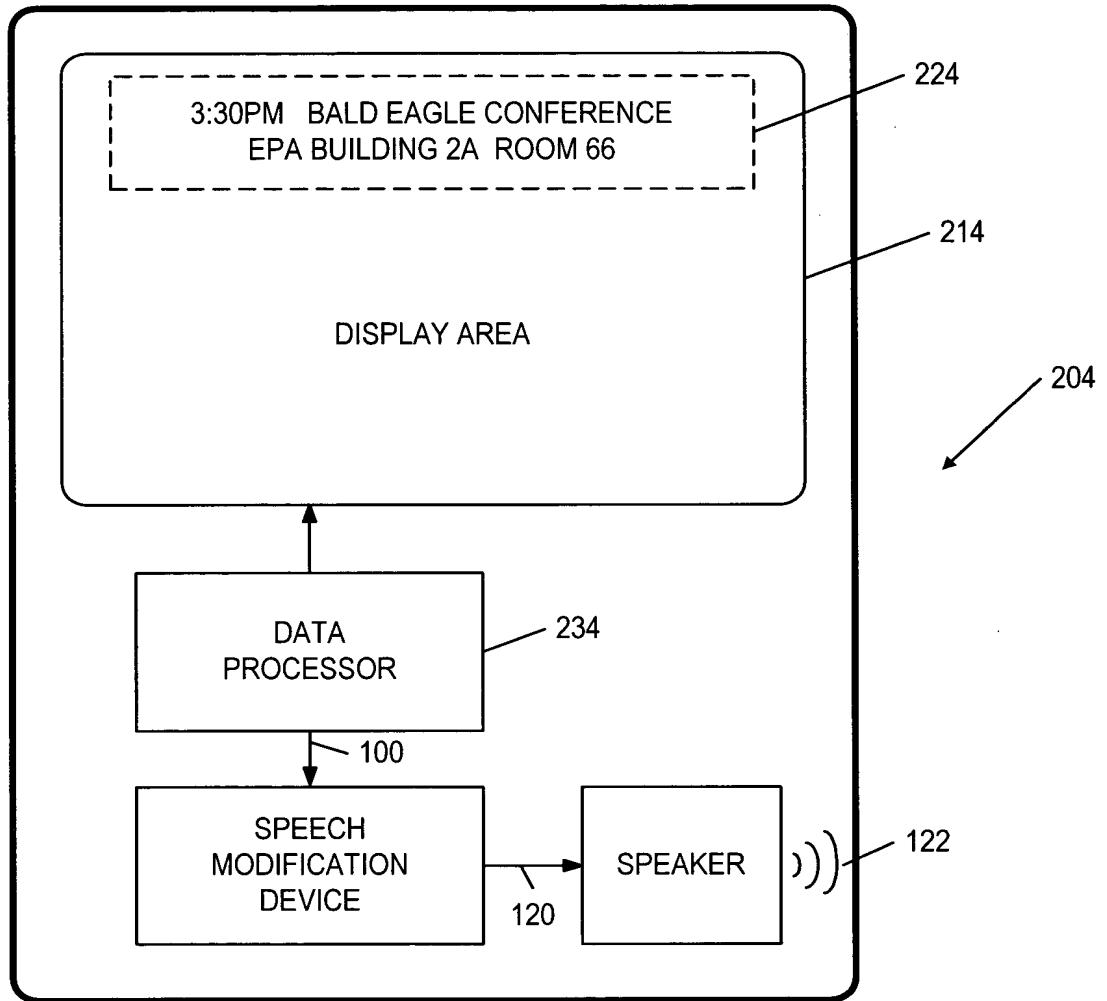


FIG. 5